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071305

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26285 7590 04/15/2005

**KIRKPATRICK & LOCKHART NICHOLSON GRAHAM
LLP**
535 SMITHFIELD STREET
PITTSBURGH, PA 15222

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

07/14/2005 WASFAW2 00000032 111110 10706622

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01 FC:2501 700.00 DA
02 FC:1504 300.00 DA
03 FC:8001 30.00 DA

APPLICATION NO.	FILING DATE	FIRST-NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/706,622	11/12/2003	Xiaochun Zhu	020628	7992

TITLE OF INVENTION: MAGNETIC MEMORY ELEMENT AND MEMORY DEVICE INCLUDING SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	07/15/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
HUYNH, ANDY	2818	257-295000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
 Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kirkpatrick & Lockhart
Nicholson Graham LLP
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Carnegie Mellon University

(B) RESIDENCE: (CITY and STATE OR COUNTRY) Pittsburgh, PA 15213

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:
 Issue Fee
 Publication Fee (No small entity discount permitted)
 Advance Order - # of Copies 10

4b. Payment of Fee(s):
 A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 11-1110 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)
 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature Mark Knedeisen Date 12 July 2005
Typed or printed name Mark G. Knedeisen Registration No. 42,747

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Zhu et al.)	
)	Examiner: Huynh, A.
Serial No.: 10/706,622)	
)	Art Unit: 2818
Filing Date: November 12, 2003)	
)	Confirmation No. 7992
Title: MAGNETIC MEMORY ELEMENT AND MEMORY DEVICE INCLUDING SAME		

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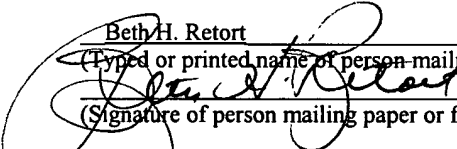
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Date of Deposit July 12, 2005

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PTO FORM-85B (In duplicate)
PLEASE CHARGE ALL FEES TO THE DEPOSIT ACCOUNT

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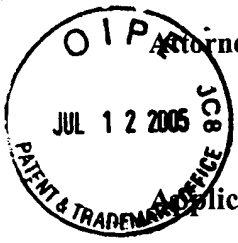
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NOTE: The label number need not be placed in each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

(Express Mail Certificate [8-3])



Attorney's Docket No. 020628

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Zhu et al.)
Serial No.: 10/706,622)
Filing Date: November 12, 2003)

Examiner: Huynh, A.
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Title: MAGNETIC MEMORY ELEMENT AND MEMORY DEVICE INCLUDING SAME

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TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 C.F.R. 1.311)

1. Applicant hereby pays the issue fee for the attached Issue Fee Transmittal PTOL-85.

2. Fee (37 C.F.R. 1.18(a) and (b)):

Application status is:
 small business entity-fee Regular \$700.00 Design \$400.00
A small entity. See 37 C.F.R. § 1.27 (65 Fed. Reg. 54603, September 8, 2000).
 other than a small entity-fee \$1,400.00 \$800.00

3. Payment of fee:

Enclosed please find check for \$ _____.
 Charge Account 11-1110 for any fee deficiency.
 Charge Account 11-1110 the sum of **\$1,030.00 (Including Publication Fee).**

A duplicate of this request is attached.

SIGNATURE OF ATTORNEY

Reg. No.: 42,747
Tel. No.: (412) 355-6342
Customer No. 26285

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(type or print name of person certifying)
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